



PUBLIC NOTICE

File Number: NRS 15.245

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Tennessee Department of Transportation
Environmental Permits Section
Suite 900, James K. Polk Bldg.
505 Deaderick St.
Nashville, TN 37243
615-253-0021

LOCATION: SR141 along the Caney Fork River, Lancaster, DeKalb County TN.

PROJECT DESCRIPTION: The applicant proposes to install 1,500 feet of riprap along the west bank of the Caney Fork River along SR-141 to stabilize a slope failure and prevent future threat to the existing road embankment.

Impact 1: Latitude: 36.107583
Caney Fork River TN05130108012_1000

Longitude: -85.852968
Station 19+50 to 34+50

Stabilization (riprap) of 1,500 of the west bank of the Caney Fork River along SR-141 to repair a slope failure and prevent future threat to the existing road embankment.

Debits: 750

MITIGATION REQUIRED

The application would be required to mitigate the 1500 feet of single bank riprap at a 0.5:1 ratio (750 debits), by purchase of 750 available credits from the Tennessee Stream Mitigation Program in the Upper Cumberland Service Area.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: Caney Fork River is a part of the Cumberland River Basin. Located in Middle Tennessee, the Caney Fork River watershed includes parts of Bledsoe, Cannon, Cumberland, DeKalb, Putnam, Sequatchie, Smith, Van Buren, Warren, White and Wilson Counties. It is approximately 1,771 square miles and empties to the Cumberland River. - See more at: <http://tn.gov/environment/article/wr-ws-caney-fork-river-watershed#sthash.NqMWgbcm.dpuf>.

Caney Fork River (TN05130108012_1000) is in the Outer Nashville Basin ecosystem (71h). The channel dimensions are as follows: channel bottom width (>100'), channel top width (>100'), water depth (4-6), and bank height (25-45'). Typical substrate in this section is comprised of boulder, cobble and gravel.

Caney Fork River was assessed in 2014. It is not supporting its designated uses. The specific uses that are not meeting use support and the causes are as follows: temperature, low flow alteration and low dissolved oxygen. The stream is available for additional impacts to habitat.

Stream Name / ID #: Caney Fork River (TN05130108012_1000)

Ecoregion: Outer Nashville Basin ecosystem (71h)

Stream Dimension: Channel bottom width >100'
Channel top width >100'
Water depth variable 4-6'
Bank height 25-45'

Substrate: Boulder, Cobble, Gravel

Designated Use	Use Support	Causes
Fish and aquatic life	not supporting	Temp, D/O, Low Flow Alterations
Recreation	fully supporting	
Industrial water supply	fully supporting	
Irrigation	fully supporting	
Livestock watering & wildlife	fully supporting	

This stream is available for additional impacts to habitat.

Assessment Date: 2014

PERMIT COORDINATOR: Brian Canada

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date**

that this notice is posted. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

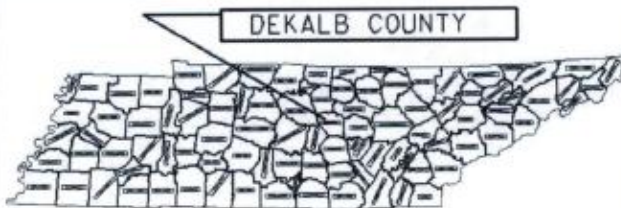
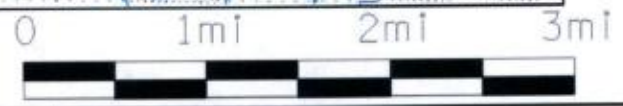
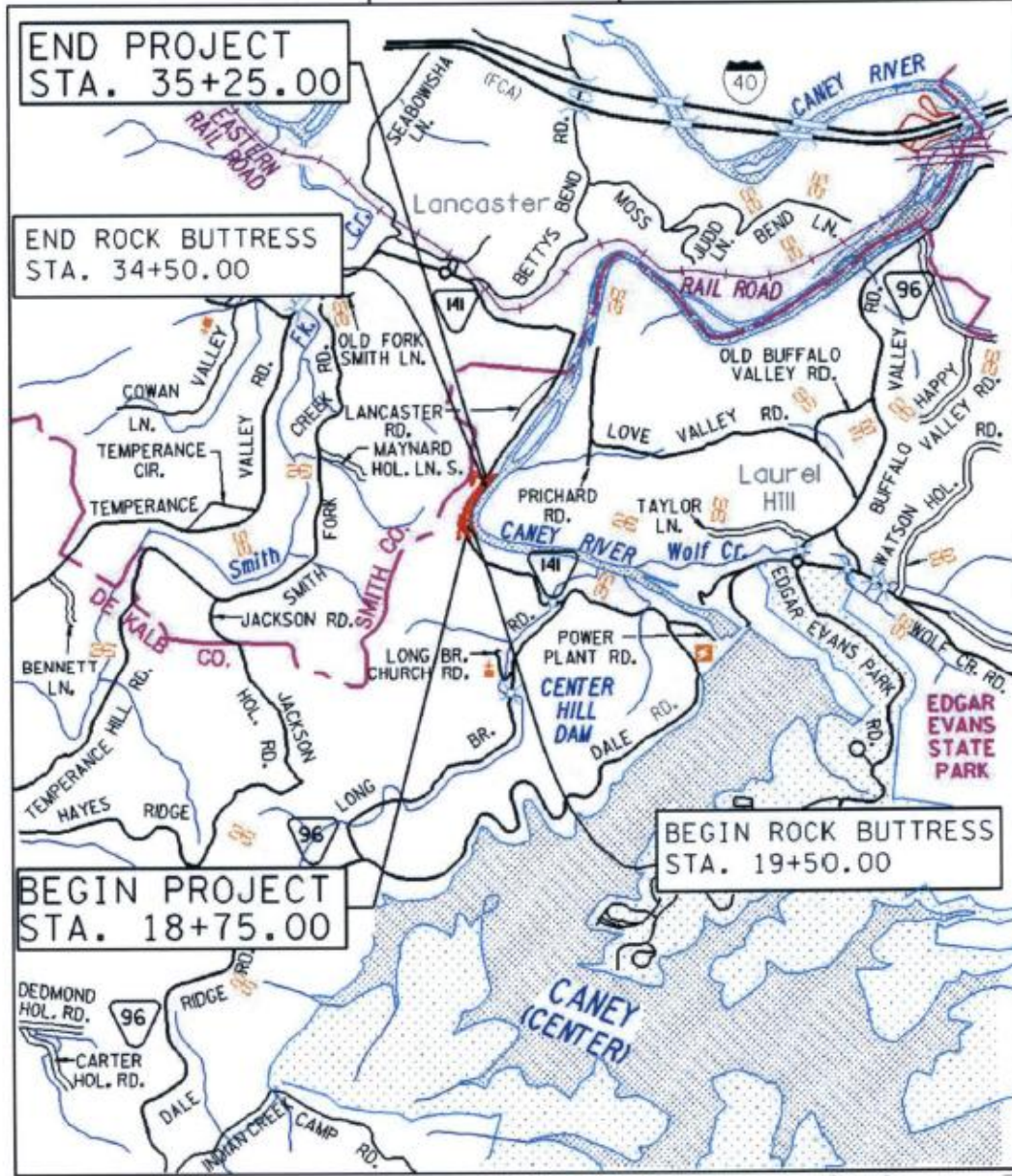
PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

Location Map



APPLICATION BY:
 TENNESSEE DEPARTMENT OF TRANSPORTATION
 QUAD CENTER HILL DAM, TN
 STATE PROJ. # 21006-4208-04
 PIN # 115764.00
 S.R. 141 FROM L.M. 0.93 TO L.M. 1.10

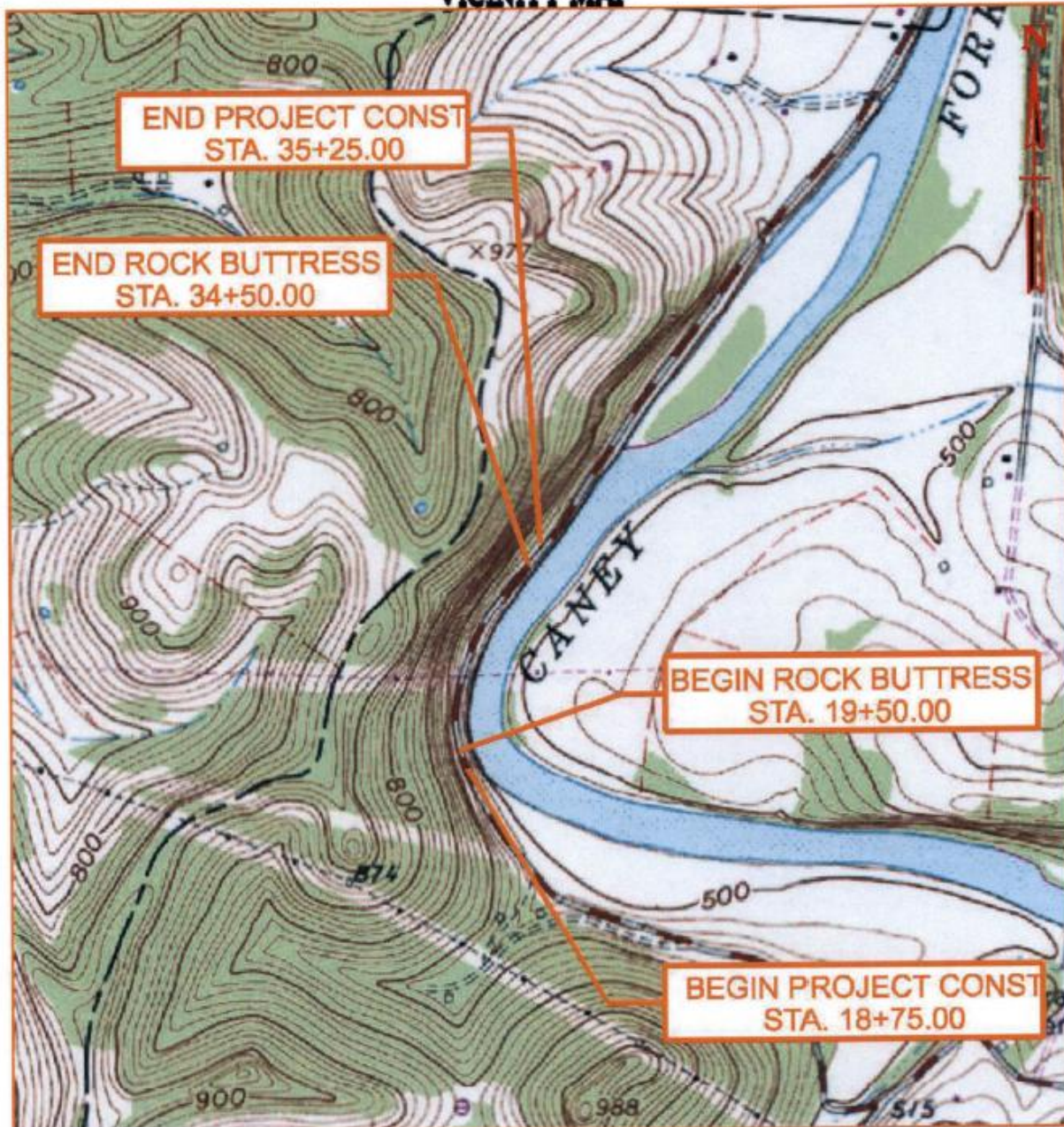
DEKALB COUNTY

DATE: 06/14/13

REVISED: / /

SHEET 1 OF 1

VICINITY MAP



APPLICATION BY:
TENNESSEE DEPARTMENT OF TRANSPORTATION
STATE PROJ. # 21006-4208-04
PIN 115764.00

QUAD: CENTER HILL DAM, TN

S.R. 141
S.R. 141 FROM L.M. 0.93 TO L.M. 1.10

COUNTY: DEKALB
NEAR: LANCASTER, TN

DATE: 06/14/13

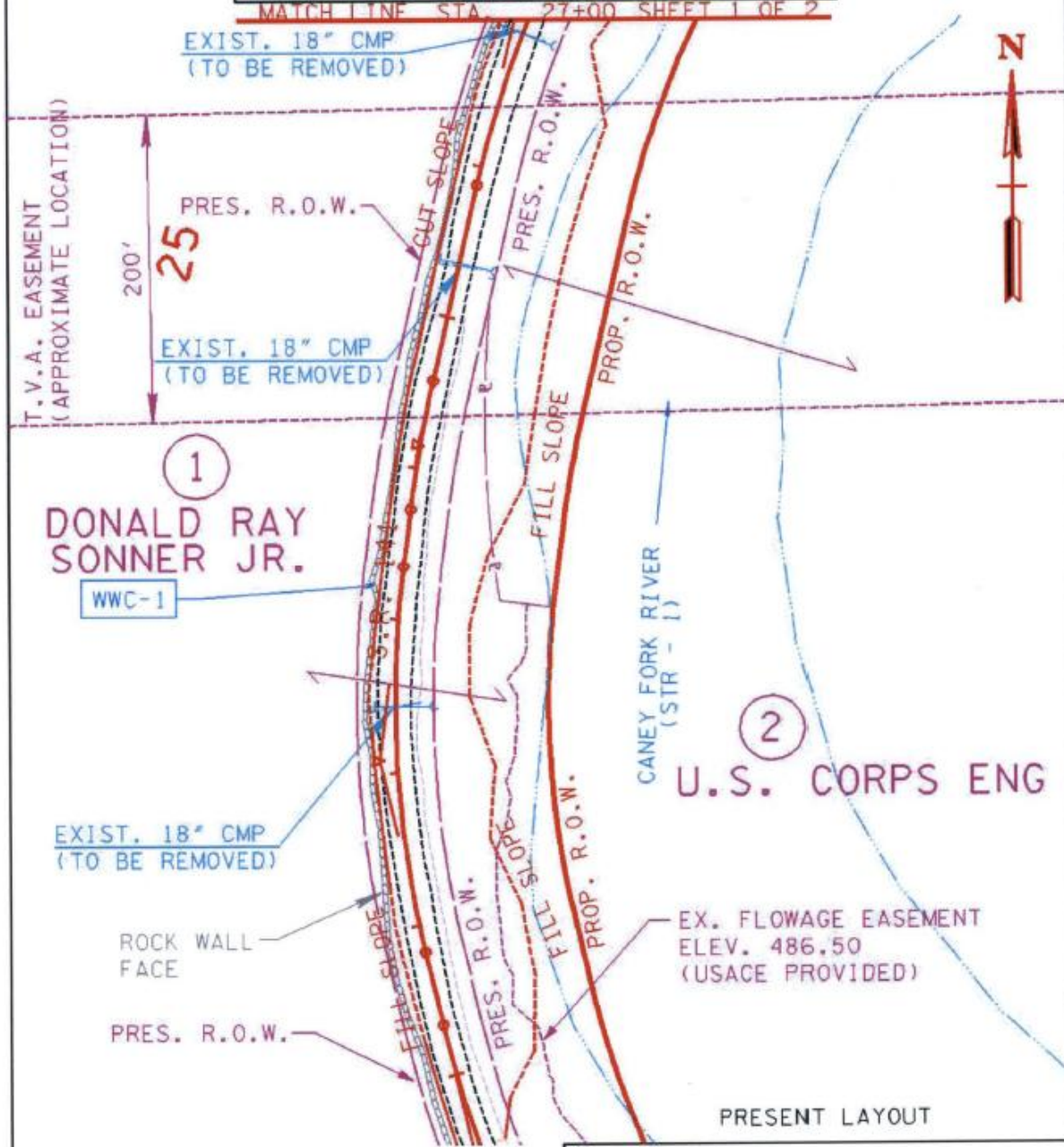
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SHEET 1 OF 1

SCALE = 1:24000
CONTOUR INTERVAL 20 FEET

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

**Bank Stabilization (STR - 1)
Permit Sketch**



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DEKALB COUNTY

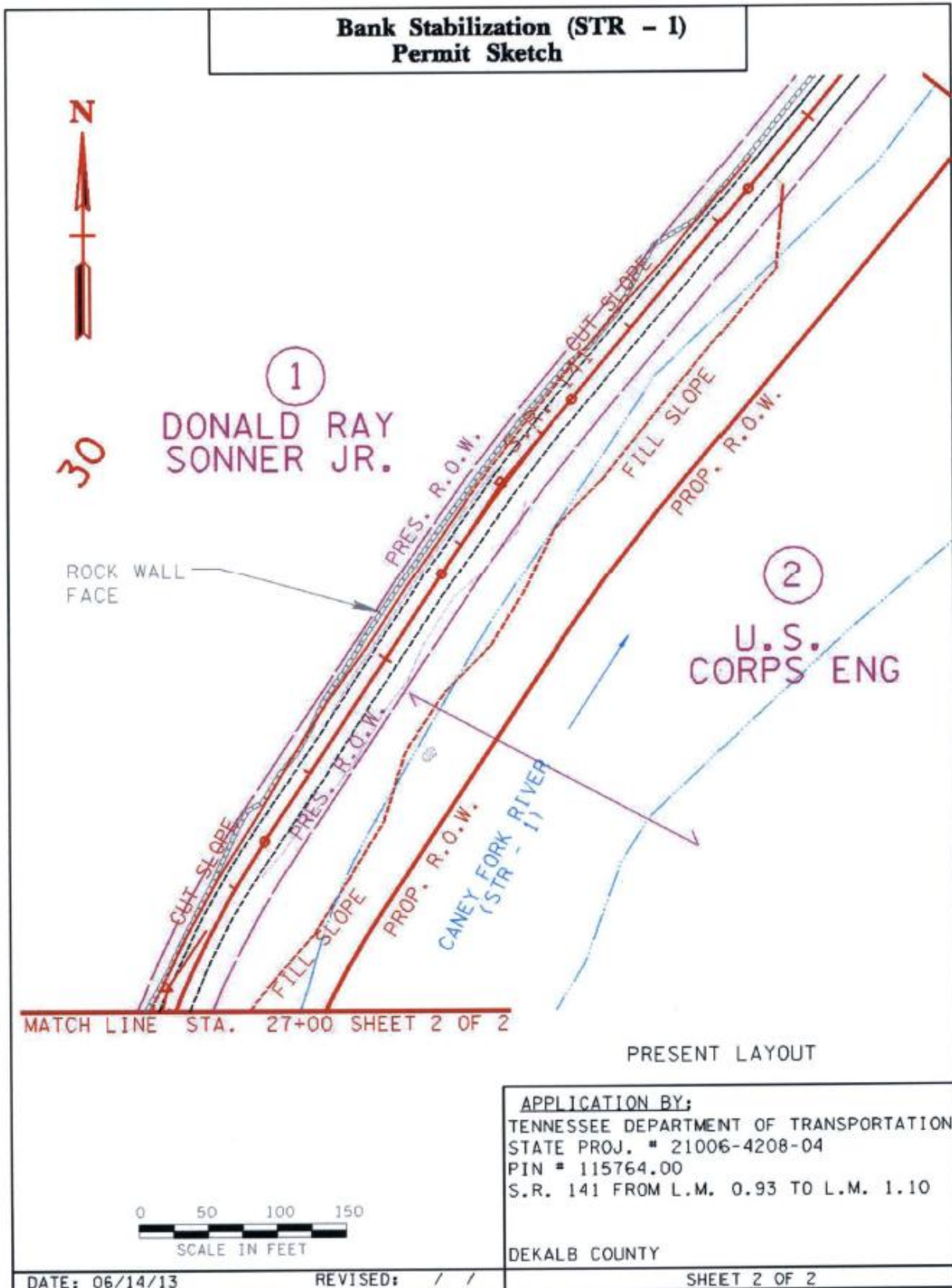
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DATE: 06/14/13

REVISED: / /

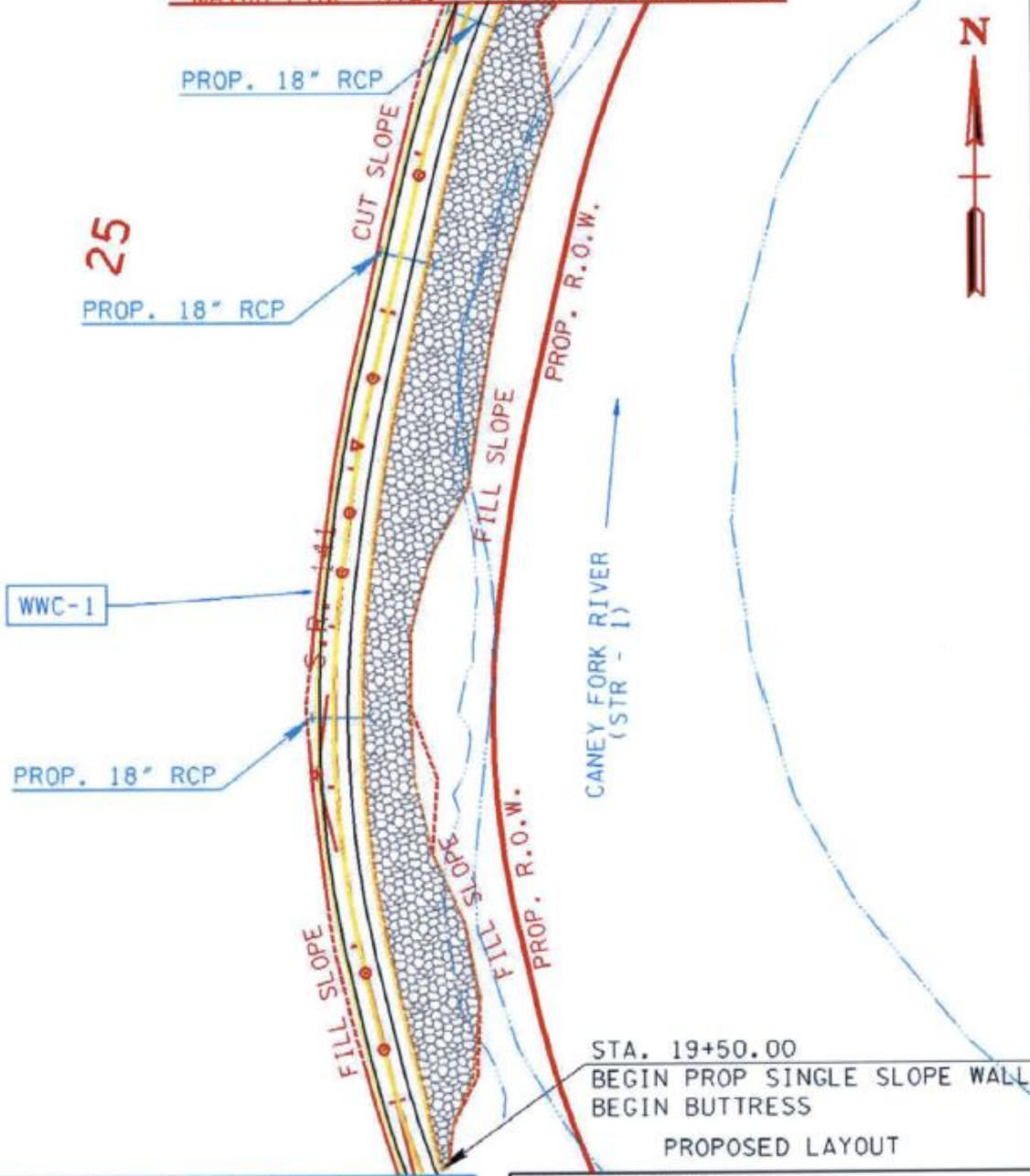
SHEET 1 OF 2

**Bank Stabilization (STR - 1)
Permit Sketch**



Bank Stabilization (STR - 1) **Permit Sketch**

MATCH LINE STA. 27+00 SHEET 1 OF 2



STREAM IMPACT TABLE	
EXISTING	
STREAMBANK LENGTH	1,650 FT.
PROPOSED	
BUTTRESS LENGTH	1,500 FT.



APPLICATION BY:
TENNESSEE DEPARTMENT OF TRANSPORTATION
STATE PROJ. # 21006-4208-04
PIN # 115764.00
S.R. 141 FROM L.M. 0.93 TO L.M. 1.10

DEKALB COUNTY

DATE: 06/14/13

REVISED: / /

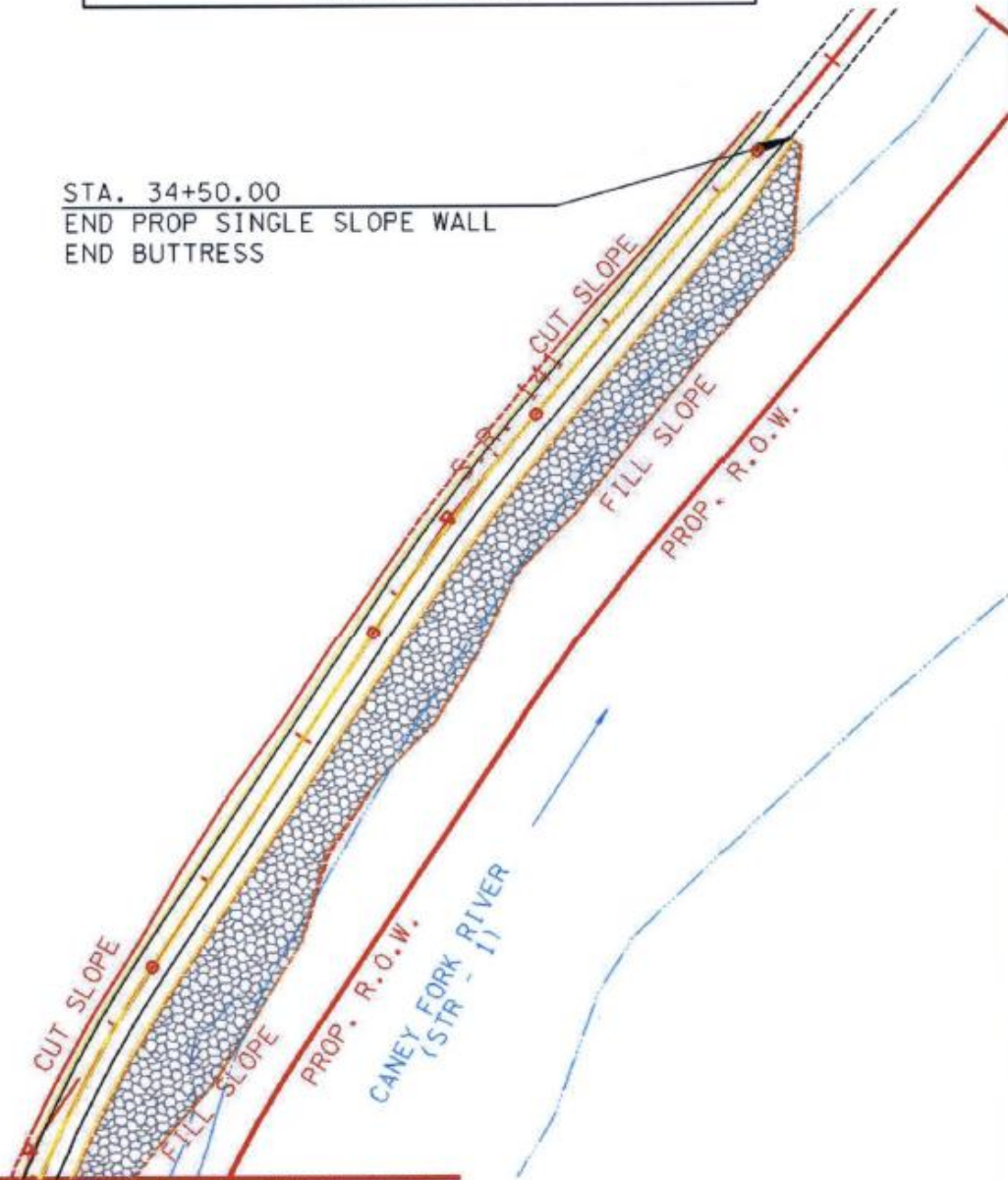
SHEET 1 OF 2

Bank Stabilization (STR - 1) Permit Sketch



30

STA. 34+50.00
END PROP SINGLE SLOPE WALL
END BUTTRESS



MATCH LINE STA. 27+00 SHEET 2 OF 2

PROPOSED LAYOUT

STREAM IMPACT TABLE	
EXISTING	
STREAMBANK LENGTH	1,650 FT.
PROPOSED	
BUTTRESS LENGTH	1,500 FT.



APPLICATION BY:

TENNESSEE DEPARTMENT OF TRANSPORTATION
STATE PROJ. # 21006-4208-04
PIN # 115764.00
S.R. 141 FROM L.M. 0.93 TO L.M. 1.10

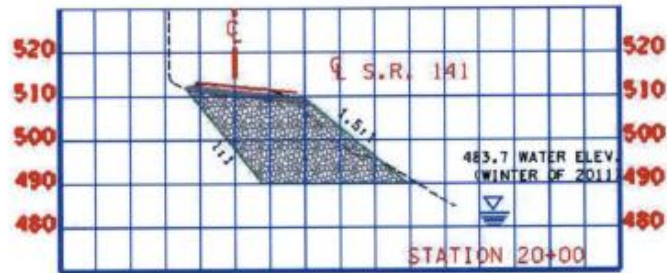
DEKALB COUNTY

DATE: 06/14/13

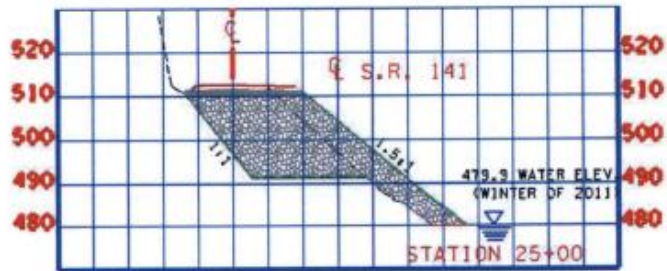
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SHEET 2 OF 2

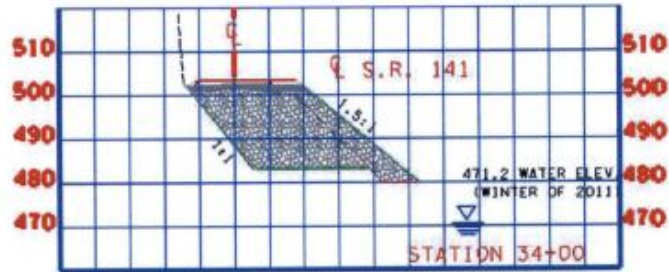
Bank Stabilization (STR - 1) Permit Sketch



SECTION
SCALE: 1"=100' HOR.
1"=10' VERT.



SECTION
SCALE: 1"=100' HOR.
1"=10' VERT.



SECTION
SCALE: 1"=100' HOR.
1"=10' VERT.

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TENNESSEE DEPARTMENT OF TRANSPORTATION
STATE PROJ. # 21006-4208-04
PIN # 115764.00
S.R. 141 FROM L.M. 0.93 TO L.M. 1.10

S.R.141
ROCK BUTTRESS STABILIZATION
RT. STA. 19+50 TO RT. STA. 34+50

DEKALB COUNTY

DATE: 06/14/13

REVISED: / /

SHEET 1 OF 1